

Gunter, Jason

From: Nations, Mark <mnations@doerun.com>
Sent: Wednesday, March 12, 2014 8:48 AM
To: Gunter, Jason
Cc: Yingling, Mark; Wohl, Matthew; 'Kevin Lombardozzi' (kevinl@VALHI.NET); Norman Lucas (cityhall@i1.net); robert.hinkson@dnr.mo.gov; brandon.wiles@dnr.mo.gov; Ty Morris (TMorris@barr.com); Cummings, Mark; Sanders, Amy B.
Subject: National Progress Report
Attachments: NATL_02-14.doc; 2014-02-25 NAT UAO Pace Lab Report.pdf

Jason, attached is the February report.
Mark

OTCR

40482400



Superfund

4.2

OWDZ

**THE
DOE RUN
COMPANY**

Remediation Group

Mark Nations
Mining Properties Manager
mnations@doerun.com

March 11, 2014

Mr. Jason Gunter
Remedial Project Manager
U.S. Environmental Protection Agency
Region 7 - Superfund Branch
11201 Renner Blvd.
Lenexa, KS 66219

Re: National Mine Tailings Site Progress Report

Dear Mr. Gunter:

As required by Article VI, Section 51 of the Unilateral Administrative Order (Docket No. CERCLA-07-2006-0231) for the referenced project and on behalf of The Doe Run Company and NL Industries, Inc., the progress report for the period February 1, 2014 through February 28, 2014 is enclosed. If you have any questions or comments, please call me at 573-518-0800.

Sincerely,



Mark Nations
Mining Properties Manager

Enclosure

c: Mark Yingling – TDRC (electronic only)
Matt Wohl – TDRC (electronic only)
Kevin Lombardozzi – NL Industries, Inc.
Matt Whitwell – City of Park Hills
Norm Lucas – Park Hills – Leadington Chamber of Commerce
Robert Hinkson – MDNR
Brandon Wiles – MDNR
Ty Morris – Barr Engineering

National Mine Tailings Site
Park Hills, Missouri
Removal Action - Monthly Progress Report
Period: February 1, 2014 – February 28, 2014

1. Actions Performed and Problems Encountered This Period:

- a. Work continued on the development of the Removal Action Report and the record drawings.

2. Analytical Data and Results Received This Period:

- a. During this period, water samples were collected at the sampling locations identified in Appendix C of the Removal Action Work Plan where water was present. Copies of the analytical results from the last sampling event are included with this progress report.
- b. During this period, the Ambient Air Monitoring Reports for October 2013 and November 2013 were completed. Any issues identified in these reports are discussed below. A copy of these documents has been sent to your attention.

The October 2013 Ambient Air Monitoring Report noted the following:

- The action levels for lead and dust were not exceeded.
- No sample was taken on the Big River #4 TSP monitor on 10/04/13 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- There was a QA blank filter for the National #3 (Water Plant) TSP and PM₁₀ monitors on 10/11/13.
- No sample was taken on the Big River #4 TSP monitor on 10/16/13 due to unknown reasons. Follow-up inspections of the monitor indicated that the monitor is working properly.
- No sample was taken on the Big River #4 TSP monitor on 10/29/13 due to an electrical failure. Upon discovery, this issue was addressed.
- No sample was taken on the Big River #4 TSP monitor on 10/30/13 due to a mechanical failure. Upon discovery, this issue was addressed.
- No sample was taken on the National #3 (Water Plant) PM₁₀ monitor on 10/31/13 due to a mechanical failure. Upon discovery, this issue was addressed.

The November 2013 Ambient Air Monitoring Report noted the following:

- The action levels for lead and dust were not exceeded.
- There was a QA blank filter for the Big River #4 QA TSP monitor on 11/19/13.
- No sample was taken on the National #3 (Water Plant) PM₁₀ monitor on 11/21/13 due to a mechanical failure. Upon discovery, this issue was addressed.
- No sample was taken on the National #1 (Ozark Insulation) TSP monitor on 11/26/13 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- No samples were taken with the TSP monitors on 11/27/13, 11/28/13, or 11/29/13 due to the holiday.
- No samples were taken with the PM₁₀ monitors on 11/30/13 due to the holiday.

3. Developments Anticipated and Work Scheduled for Next Period:

- a. Continue developing the Removal Action Report and the record drawings.
- b. Complete monthly water sampling activities as described in the Removal Action Work Plan.
- c. Complete air monitoring activities as described in the Removal Action Work Plan.

4. Changes in Personnel:

- a. None.

5. Issues or Problems Arising This Period:

- a. None.

6. Resolution of Issues or Problems Arising This Period:

- a. None.



Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

March 10, 2014

Amy Sanders
The Doe Run Company
P. O. Box 500
Viburnum, MO 65566

RE: Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

Dear Amy Sanders:

Enclosed are the analytical results for sample(s) received by the laboratory on February 27, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jamie Church
jamie.church@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
WY STR Certification #: 2456.01
Arkansas Certification #: 13-012-0
Illinois Certification #: 003097
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-13-4
Utah Certification #: KS000212013-3
Illinois Certification #: 003097

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NATIONAL (MONTHLY)

Pace Project No.: 60163756

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60163756001	NAT EAST	Water	02/25/14 13:40	02/27/14 08:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60163756001	NAT EAST	EPA 200.7	TJT	6	PASI-K
		EPA 200.7	SMW	3	PASI-K
		SM 2540C	JMC1	1	PASI-K
		SM 2540D	JMC1	1	PASI-K
		SM 2540F	JMC1	1	PASI-K
		SM 4500-H+B	DJR	1	PASI-K
		EPA 300.0	OL	1	PASI-K
		SM 5310C	DJR	1	PASI-K

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ANALYTICAL RESULTS

Project: NATIONAL (MONTHLY)

Pace Project No.: 60163756

Sample: NAT EAST		Lab ID: 60163756001	Collected: 02/25/14 13:40	Received: 02/27/14 08:20	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Cadmium	ND	ug/L	5.0	0.56	1	02/27/14 13:15	02/28/14 15:13	7440-43-9	
Calcium	102000	ug/L	100	7.8	1	02/27/14 13:15	02/28/14 15:13	7440-70-2	
Lead	4.1J	ug/L	5.0	2.2	1	02/27/14 13:15	02/28/14 15:13	7439-92-1	
Magnesium	54900	ug/L	50.0	17.0	1	02/27/14 13:15	02/28/14 15:13	7439-95-4	
Total Hardness by 2340B	482000	ug/L	500		1	02/27/14 13:15	02/28/14 15:13		
Zinc	133	ug/L	50.0	12.5	1	02/27/14 13:15	02/28/14 15:13	7440-66-6	
200.7 Metals, Dissolved (LF)		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Cadmium, Dissolved	ND	ug/L	5.0	0.56	1	03/05/14 11:45	03/05/14 17:27	7440-43-9	
Lead, Dissolved	5.8	ug/L	5.0	2.2	1	03/05/14 11:45	03/05/14 17:27	7439-92-1	
Zinc, Dissolved	121	ug/L	50.0	12.5	1	03/05/14 11:45	03/05/14 17:27	7440-66-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	559	mg/L	5.0	5.0	1		03/03/14 13:30		
2540D Total Suspended Solids		Analytical Method: SM 2540D							
Total Suspended Solids	6.0	mg/L	5.0	5.0	1		03/04/14 07:47		
2540F Total Settleable Solids		Analytical Method: SM 2540F							
Total Settleable Solids	ND	mL/L/hr	0.20	0.20	1		02/27/14 10:00		
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	8.4	Std. Units	0.10	0.10	1		03/03/14 06:41		H6
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Sulfate	234	mg/L	20.0	2.0	20		03/09/14 18:36	14808-79-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	0.96J	mg/L	1.0	0.50	1		03/03/14 13:04	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

QC Batch: MPRP/26284 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 60163756001

METHOD BLANK: 1336288 Matrix: Water
Associated Lab Samples: 60163756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium	ug/L	ND	5.0	02/28/14 14:35	
Calcium	ug/L	21.6J	100	02/28/14 14:35	
Lead	ug/L	ND	5.0	02/28/14 14:35	
Magnesium	ug/L	ND	50.0	02/28/14 14:35	
Total Hardness by 2340B	ug/L	ND	500	02/28/14 14:35	
Zinc	ug/L	ND	50.0	02/28/14 14:35	

LABORATORY CONTROL SAMPLE: 1336289

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/L	1000	1030	103	85-115	
Calcium	ug/L	10000	10300	103	85-115	
Lead	ug/L	1000	1090	109	85-115	
Magnesium	ug/L	10000	9950	99	85-115	
Total Hardness by 2340B	ug/L		66600			
Zinc	ug/L	1000	1050	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1336290 1336291

Parameter	Units	60163611003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	1050	1050	105	105	70-130	0	10	
Calcium	ug/L	317000	10000	10000	331000	330000	141	133	70-130	0	9 M1	
Lead	ug/L	ND	1000	1000	1040	1030	103	103	70-130	1	10	
Magnesium	ug/L	108000	10000	10000	120000	119000	121	117	70-130	0	9	
Total Hardness by 2340B	ug/L	1240 mg/L			1320000	1320000				0		
Zinc	ug/L	ND	1000	1000	1010	1010	99	100	70-130	0	11	

MATRIX SPIKE SAMPLE: 1336292

Parameter	Units	60163611004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cadmium	ug/L	ND	1000	1040	104	70-130	
Calcium	ug/L	34200	10000	44200	100	70-130	
Lead	ug/L	ND	1000	1010	101	70-130	
Magnesium	ug/L	145000	10000	158000	123	70-130	
Total Hardness by 2340B	ug/L	684 mg/L		760000			
Zinc	ug/L	ND	1000	1030	101	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NATIONAL (MONTHLY)

Pace Project No.: 60163756

QC Batch: MPRP/26331

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 Metals, Dissolved

Associated Lab Samples: 60163756001

METHOD BLANK: 1338958

Matrix: Water

Associated Lab Samples: 60163756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cadmium, Dissolved	ug/L	ND	5.0	03/05/14 16:59	
Lead, Dissolved	ug/L	ND	5.0	03/05/14 16:59	
Zinc, Dissolved	ug/L	ND	50.0	03/05/14 16:59	

LABORATORY CONTROL SAMPLE: 1338959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium, Dissolved	ug/L	1000	873	87	85-115	
Lead, Dissolved	ug/L	1000	888	89	85-115	
Zinc, Dissolved	ug/L	1000	872	87	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1338960 1338961

Parameter	Units	60163755001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium, Dissolved	ug/L	ND	1000	1000	968	907	97	91	70-130	7	10	
Lead, Dissolved	ug/L	ND	1000	1000	948	894	95	89	70-130	6	10	
Zinc, Dissolved	ug/L	144	1000	1000	1070	1010	93	87	70-130	6	11	

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QUALITY CONTROL DATA

Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

QC Batch:	WET/46389	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	60163756001		

METHOD BLANK: 1336622 Matrix: Water
Associated Lab Samples: 60163756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	5.0	03/03/14 13:10	

LABORATORY CONTROL SAMPLE: 1336623

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	1000	1040	104	80-120	

SAMPLE DUPLICATE: 1336625

Parameter	Units	60163767003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	860	21	10	D6

SAMPLE DUPLICATE: 1336626

Parameter	Units	60163601001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	944	1010	7	10	

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**QUALITY CONTROL DATA**

Project: NATIONAL (MONTHLY)

Pace Project No.: 60163756

QC Batch: WET/46446

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 60163756001

METHOD BLANK: 1338179

Matrix: Water

Associated Lab Samples: 60163756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	5.0	03/04/14 07:43	

SAMPLE DUPLICATE: 1338180

Parameter	Units	60163690002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	8.0		10	

SAMPLE DUPLICATE: 1338181

Parameter	Units	60163753002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	6.0	5.0	18	10	D6

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QUALITY CONTROL DATA

Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

QC Batch: WET/46416 Analysis Method: SM 4500-H+B
QC Batch Method: SM 4500-H+B Analysis Description: 4500H+B pH
Associated Lab Samples: 60163756001

SAMPLE DUPLICATE: 1337764

Parameter	Units	60163726005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.6	8.7	0	5	H6

REPORT OF LABORATORY ANALYSIS

Date: 03/10/2014 11:20 AM

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QUALITY CONTROL DATA

Project: NATIONAL (MONTHLY)

Pace Project No.: 60163756

QC Batch: WETA/28501

Analysis Method: EPA 300.0

QC Batch Method: EPA 300.0

Analysis Description: 300.0 IC Anions

Associated Lab Samples: 60163756001

METHOD BLANK: 1340323

Matrix: Water

Associated Lab Samples: 60163756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	03/09/14 17:19	

LABORATORY CONTROL SAMPLE: 1340324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1340325 1340326

Parameter	Units	60163755001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Sulfate	mg/L	391	250	250	648	655	103	106	80-120	1	15

MATRIX SPIKE SAMPLE: 1340327

Parameter	Units	60163756001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L		234	100	339	105	80-120

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QUALITY CONTROL DATA

Project: NATIONAL (MONTHLY)

Pace Project No.: 60163756

QC Batch: WETA/28415

Analysis Method: SM 5310C

QC Batch Method: SM 5310C

Analysis Description: 5310C Total Organic Carbon

Associated Lab Samples: 60163756001

METHOD BLANK: 1337948

Matrix: Water

Associated Lab Samples: 60163756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	03/03/14 10:27	

LABORATORY CONTROL SAMPLE: 1337949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	5	4.8	95	80-120	

MATRIX SPIKE SAMPLE: 1337950

Parameter	Units	60163123019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	ND	5	5.4	100	80-120	

SAMPLE DUPLICATE: 1337951

Parameter	Units	60163185003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	6.5	7.1	8	25	

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QUALIFIERS

Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-K Pace Analytical Services - Kansas City

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NATIONAL (MONTHLY)
Pace Project No.: 60163756

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60163756001	NAT EAST	EPA 200.7	MPRP/26284	EPA 200.7	ICP/20065
60163756001	NAT EAST	EPA 200.7	MPRP/26331	EPA 200.7	ICP/20094
60163756001	NAT EAST	SM 2540C	WET/46389		
60163756001	NAT EAST	SM 2540D	WET/46446		
60163756001	NAT EAST	SM 2540F	WET/46377		
60163756001	NAT EAST	SM 4500-H+B	WET/46416		
60163756001	NAT EAST	EPA 300.0	WETA/28501		
60163756001	NAT EAST	SM 5310C	WETA/28415		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 60163756



Client Name: Doe Run

Courier: Fed Ex ☒ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☐

Tracking #: 7180 3106 3161 Pace Shipping Label Used? Yes ☐ No ☒

Custody Seal on Cooler/Box Present: Yes ☒ No ☐ Seals intact: Yes ☒ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☐ Foam ☐ None ☐ Other ☒ 2pc

Thermometer Used: T-239 / T-194

Type of Ice: Yes Blue ☐ None ☐ Samples received on ice, cooling process has begun.
(circle one)

Cooler Temperature: 3.6

Date and initials of person examining contents: 2/27/14 BA

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Sett Sol, pH</u>
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses	Matrix: <u>WT</u>	13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: VOA, coliform, <u>FOC</u> O&G, WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased):		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
		16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: 2/27/14

